

ALEKSANDROV, B.F.----(continued) Card 2.

BELYATEV, V.S., inzh., red.; BUKHANOVA, L.I., inzh., red.; VLASOV,
V.M., inzh., red.; GLADILIN, L.V., prof., doktor tekhn.nauk, red.;
GREBTSOV, N.V., inzh., red.; GRECHISHKIN, F.G., inzh., red.; GON-
CHAREVICH, I.F., kand.tekhn.nauk, red.; GUDALOV, V.P., kand.tekhn.
nauk, red.; IGNATOV, N.N., inzh., red.; LOMAKIN, S.M., dotsent, kand.
tekhn.nauk, red.; MARTYNOV, M.V., dotsent, kand.tekhn.nauk, red.;
POVOLOTSKIY, I.A., inzh., red.; SVETLICHNYY, P.L., inzh., red.; SAL'-
TSEVICH, L.A., kand.tekhn.nauk, red.; SPERANTOV, A.V., kand.tekhn.
nauk, red.; SHETLER, G.A., inzh., red.; ABARBARCHUK, F.I., red.izd-va;
PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii
spravochnik. Glav.red.A.M.Terpigorev. Chleny glav.redaktsii A.I.
Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu.
Vol.7. [Mining machinery] Gornye mashiny. Redkol.toma A.V.Topchiev i
dr. 1959. 638 p. (Mining machinery) (MIRA 13:1)

SOV/180-59-3-38/43

AUTHORS: Spivakovskiy, A.O., Smoldyrev, A.Ye. and
Yufin, A.P. (Moscow)

TITLE: Research Work in the Field of Mining Hydraulic and
Pneumatic Transport

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh
nauk, Metallurgiya i toplivo, 1959, Nr 3, pp 180-183(USSR)

ABSTRACT: This is a brief review of the state of the utilisation
of hydraulic and pneumatic transport of mined minerals
in various countries and of the main directions of the
research work on the subject carried out by the
Institute IGD of the Academy of Sciences of the USSR.
Main points: 1) Analysis of technico-economic
efficiency of application of hydraulic transport and
the field of its application. It was established that
long range transportation of materials of a size above
6 - 3 mm is at present uneconomical. The field of
application of hydraulic transport of coal at distances
of 90 - 50 km is governed by conditions of wet
beneficiation or the removal of water from deposits.
2) Studies of basic hydraulic and kinematic characteristics
of streams of hydromixtures (the relative velocities of

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Research Work in the Field of Mining Hydraulic and Pneumatic Transport

movement of particles, starting, free and inhibited fall etc). 3) Investigations of hydraulic transport of coal and other minerals in horizontal and vertical pipes of a small and large (400 mm) diameter. 4) Development of methods of designing hydraulic transport on the basis of a single semiempirical theory. 5) Investigation of the pulsation characteristics of a stream of hydromixtures. 6) Development of control and measuring apparatus for research and industrial purposes. 7) Investigation of hydrotransport of minerals under industrial conditions (investigations were carried out in the Donets basin, some experimental work was carried out on the determination of parameters of hydraulic transport of ores of 0.3 - 0.4 m in size). 8) Development of some new types of small scale pneumatic installations (in the Kuznetsk basin). In the appendix some apparatus and installations are briefly outlined and illustrated. There are 3 figures.

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E032/E391

On the Relative Velocity of Motion of Solid Particles in a Flow of Liquid

u_o - "stirring" velocity, u_r - mean velocity of particles.
 The dynamic resemblance of two flows can be shown as
 $Fr_a (Fr)$ or $\frac{u - u_o}{u} = \frac{u_r}{u}$ (8), where $\delta = d/D$.

The results of experiments are given in Figures 3 and 4,
 which show that:

$$\frac{u - u_o}{u} = C\delta^n \quad (1)$$

where $C = 0.6$, $n = 1.5$. In the case of motion in vertical tubes:

$$u - u_o = u_* \quad (2)$$

Card2/3

MARKOV, Yu.A., inzh.; SMOLDYREV, A.Ye, inzh.

Fall velocity of particles of rock during free and hindered falling.
(MIRA 14:5)
Gor.zhur. no.3:71-72 Mr '60.
(Frictional resistance (Hydrodynamics)) (Ore dressing)

SMOLYREV, A.Ye. (Moskva)

Starting speed of hard particles in pipes. Izv.AN SSSR. Otd.tekh.nauk.
Mekh.i mashinostr. no.6:134-137 N-D '60. (MIRA 13:12)
(Pipe—Hydrodynamic)

SMOLDYREV, A.

Strictly observe regulations for a safe navigation of ships.
Rech.transp. 19 no.8:46-47 Ag '60. (MIRA 14:3)

1. Nachal 'nik sudokhodnoy inspeksii Dono-Kubanskogo basseyna.
(Inland navigation—Safety measures)

SMOLDYREV, A. YE.

Doc Tec Sci, Diss -- "Investigation and method of calculation of a mine transport pipe-line". Leningrad, 1961. 37 pp, 20 cm (Min of Higher and Inter Spec Educ RSFSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst imeni G. V. Plekhanov), 180 copies, Not for sale, 27 works by the author listed on pp 35-37 (KL, No 9, 1961, p 181, No 24321). 61-511097

SMOLDYREV, Anatoliy Yevtikhievich; GIL'MAN, S.E., red. izd-va; SUKHININA,
N.D., tekhn. red.; LOMILINA, L.N., tekhn. red.

[Design of a mine pipeline conveying system] Raschet rudnichnogo
truboprovodnogo transporta; k nauchnym osnovam truboprovodnogo
transporta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gorno-
mmi delu, 1961. 58 p. (MIRA 14:8)

(Hydraulic conveying)

SMOLDYREV, A. Ye., kand.tekhn.nauk

Thorough testing of an automatically controlled excavating pump.
Gor. zhur. no.3:75 Mr '61. (MIRA 14-3)

1. Institut gornogo dela AN SSSR.
(Automatic control)
(Mine pumps)

MARKOV, Yu.A., inzh.; SMOLDYREV, A.Ye., kand.tekhn.nauk

Free and hindered fall of solid particles in pipes.
Nauch.sooob.Inst.gor.dela 7:128-137 '61. (MIRA 15:1)
(Pipe--Hydrodynamics)

SMOLDYREV, A.Ye.

Principal regularities observed in the motion of hydro- and aeromixtures in pipes. Dokl. AN SSSR 137 no.3:545-548 Mr '61.
(MIRA 14:2)

1. Institut gornogo dela im.A.A.Skochinskogo AN SSSR. Predstavлено
академиком G.I.Petrovym.
(Fluid dynamics)

KAZAKOV, N.I., gornyy tekhnik; YUNOVICH, M.I., gornyy inzh.;
KUDRYAVTSEV, Yu.I., gornyy inzh.; SMOLDYREV, A.Ye.,
kand.tekhn.nauk; MARKOV, Yu.A., gornyy inzh.; KURBATOV, A.K.,
gornyy inzh.

Study of the operation of a hydraulic hoist in the "Belkina-
Ventilyatsionnaya" Mine. Gor. zhur. no.6:43-47 Je '62.
(MIRA 15:11)

1. Leninogorskoye shakhtostroyupravleniye (for Kazakov).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnoy
metallurgii, Ust'-Kamenogorsk (for Yunovich, Kudryavtsev).
3. Institut gornogo dela im. Skochinskogo, Moskva (for
Smoldyrev, Markov, Kurbatov).
(Leninogorsk region (East Kazakhstan Province)--Mine hoisting)

SMOLDYREV, A. Ye.

Rated dependences of mine pneumatic-tube transportation. Ugol'
Ukr. 6 no.1:18-20 Ja '62. (MIRA 15:2)
(Pneumatic-tube transportation)
(Mine haulage)

SMOLDYREV, A.Ye., kand.tekhn.nauk

Use of pneumatic conveying in mines. Ugol' 37 no.8:41-43 Ag
'62. (MIRA 15:9)

1. Institut gornogo dela im. A.A.Skochinskogo.
(Mine haulage) (Pneumatic conveying)

KURBATOV, A. K.; SMOLDYREV, A. Ye.

Study of hydraulic transportation of Krivoy Rog iron ores.
Gor. zhur. no.11:51-54 N '62. (MIRA 15:10)

1. Institut gornogo dela imeni Skochinskogo.

(Krivoy Rog Basin--Hydraulic conveying)

SPIVAKOVSKIY, Aleksandr Onisimovich; MUCHNIK, Vladimir Semenovich, doktor tekhn. nauk; YUFIN, Andrey Pavlovich, doktor tekhn. nauk; SMOLDYREV, Anatoliy Yevtikheyevich, kand. tekhn. nauk; OFENGENDEN, Naum Yefimovich, kand. tekhn. nauk; BORISENKO, Lev Dmitriyevich, kand. tekhn. nauk; TRAYNIS, Viulen Vladimirovich, kand. tekhn. nauk; Prinimali uchastiye: KURBATOV, A.K., inzh.; MARKOV, Yu.A., inzh.; KORSHUNOV, A.P., inzh.; EKBER, B.Ya., otv. red.; KOVAL', I.V., red.izd-va; IL'INSKAYA, G.M., tekhn. red.

[Hydraulic and pneumatic transportation in mining enterprises] Gidravlicheskiy i pnevmaticheskii transport na gornykh predpriatiakh. Moskva, Gosgortekhizdat, 1962. 250 p. (MIRA 16:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Spivakovskiy).
2. Institut gornogo dela im. A.A.Skochinskogo (for Smoldyrev).
3. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut po gidrodobyche uglya (for Muchnik).
4. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Ofengenden).
5. Moskovskiy inzhenerno-stroitel'-nyy institut im. V.V.Kuybysheva (for Yufin).
(Pneumatic conveying) (Hydraulic conveying)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

KOZHUSHAKO, P.I., inzh.; SMOLDYREV, A.Ye., kand.zekhn.nauk

Experimental study of the movement of a coal dust cloud in a vertical
pipeline. Mekh. i avtom. v gor. prom. no.3:61-68 '63.
(MIRA 16:10)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4"

SMOLDYREV, A.Ye., kand.tekhn.nauk

Effect of the disperse composition of coal on the technological parameters of hydraulic conveying. Nauch.scoob. IGD
(MIRA 17:5)
22:171-178 '63.

MARKOV, Yu.A.; SMOLDYREV, A.Ye.

Hydraulic transportation of coal and rocks by vertical pipelines
of hoisting units. Ugol' 38 no.6:28-32 Je '63. (MIRA 16:8)

(Hydraulic conveying)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

SPIVAKOVSKIY, A. O. (Prof, Dr Tech Sci); SMOLDYREV, A. Ye. (Dr Tech Sci)

"Study, calculation, and design of hydraulic transport systems."

report submitted for Intl Conf on Conveyor Engineering & Construction Machinery,
Magdeburg, E. Germany, 7-12 Sep 64.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4"

СМОЛЕНСКИЙ, А.Я.

Effect of the disperse composition of coal on the technological parameters of hydraulic conveying. Trudy VNIIgidrourgika
no. 4, 1980, 161 p.

Г. Институт горного дела им. А.А. Скочинского.

Smolodkow, A.Ye., doktor tekhn. nauk

Hydraulic conveying in hydraulic mines and ways of improving it.
(MIRA 17:10)
Ugol' 39 no.9:42-45 S '64.

I. Institut gornogo dela im. A.A. Skochinskogo.

SMOLDYREV, A.Ye.; KORSHUNOV, A.P.

Hydraulic conveying of ores and concentrates. Gor.zhur. no.12:49-
51 D '64. (MIRA 18:1)

1. Institut gornogo dela im. A.A.Skochinskogo.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

KIRBATOV, A.K. (Moskva); MARKOV, Yu.A. (Moskva); SMOLYANOV, A.Ye. (Moskva)

Movement of solid particles in rising fluid flows. Izv. AN SSSR
Mekh. i mashinostr. no.6:144-148 N-P '64.

(MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4"

SPIVAKOVSKIY, A.O.; SMOLDYREV, A.Ye., doktor tekhn. nauk

Present day stage in the development of hydraulic conveying
in the coal industry. Ugol' 39 no.5:42-48 My '64.
(MIRA 17:8)

1. Institut gornogo dela im. A.A. Skochinskogo. 2. Chlen-
korrespondent AN SSSR (for Spivakovskiy).

MARKOV, Yu.A. (Moskva); SMOIDYREV, A.Ye. (Moskva)

Hydraulic resistances during the vertical motion of hydromixes in
pipes. Izv. AN SSSR. Mekh. no.5:182-184 S=0 '65. (MIRA 18:10)

ACC NR: AP6016785 (N)

SOURCE CODE: UR/0415/65/000/004/0112/0117

AUTHOR: Smoldyrev, A. Ye.; Korshunov, A. P.

ORG: Mining Institute im. A. A. Skochinskiy, Moscow (Institut gornogo dela)

TITLE: Hydraulic systems for mining minerals from lake and ocean bottoms

SOURCE: Fiziko-tehnicheskiye problemy razrabotki poleznykh iskopayemykh, no. 4,
1965, 112-117

TOPIC TAGS: hydraulic equipment, mining machinery

ABSTRACT: Data are given on the rich mineral deposits of the Pacific Ocean and other large bodies of water. The authors recommend that a series of important physico-technical and technological problems be solved before effective methods can be developed for utilizing ocean, sea and lake mineral deposits. These are: determining the physical and mechanical properties of loose sapropel; determining the technological parameters of specific mining machines in breaking up the deposits at various depths; determining the technological parameters of hydraulic transport for various raw materials with respect to economy; the solution of operational and technical requirements ensuring reliable function of floating equipment, underwater pipelines, booster pumping stations and other equipment; maintaining mining operations at extreme depths and under stormy conditions. Lake and off-shore organic and mineral deposits should be

UDC: 622.275.5

Card 1/2

KUZ'MINOV, I.I., prof., red.; LEBEDEV, V.G., kand. ekon. nauk, red.;
SMOLDYREV, D.A., red.; KOKOSHKO, A.G., red.; NAUMOV, K.M.,
tekhn. red.

[Developing economic theory in the light of the decisions of
the 22d Congress of the CPSU] Razvitiye ekonomicheskoi teorii
v svete reshenii XXII s"ezda KPSS. Pod red. Kuz'minova, I.I.,
Lebedeva, V.G., Smoldyreva, D.A. Moskva, Izd-vo VPSh i AON,
1962. 249 p. (MIRA 15:11)

1. Moscow. Akademiya obshchestvennykh nauk. 2. Akademiya ob-
shchestvennykh nauk, Moscow (for Kuz'minov, Lebedev).
(Economics)

SMOLE, Drago, dipl. inz., asistent; STROJNIK, Ales, dr. inz.,
izredni profesor

Astigmatism as limiting factor in electron-optical images.
Elektr vest 30 no. 10/12:270-272, 297-299 '62/'63.

1. Division of Electrical Engineering, University of
Ljubljana, Askerceva 9.

SMČLE, Drago, dipl. inz., asistent (Ljubljana); STROŽNIK, Ales,
dr. inz., izredni profesor (Ljubljana);

Pclipping of oxide-coated cathode. Elektr vest 30 no. 10/12:
295-299 '62/'63.

1. Division of Electrical Engineering, University of
Ljubljana, Askerceva 9.

SHOELL, F.

Impact of nuclear weapons on forcing the crossing of rivers. (p. 150).
(GLASCHE, Vol. II, No. 3, Mar. 1957)

SC: Monthly List of East European Accessions (EMAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

BRDOLC, Jozef

Inaugural address held at the 2d Exhibition of Chemistry
of Slovenia. Nova proizv 3/4:143-145 '64.

1. Vice-Chairman, Executive Council of Slovenia, Ljubljana.

TH. NICA, I. BALUTEL, ~~XXXXXX~~ B. Dermengi, GR. POSEA, R. TRIFAN, C. SESERMAN, ~~EX~~
M. BANICA, ~~S~~ A. SMOLEAC, L. NEGREA.
Institute of Agronomy.

Study of Properties of Sheepskins Used for Imitation of Coypu Fur.
Anuarul. lucrari. stiint. Inst. Agron., 1957, 335-349.

Abstract: The properties of skins of adult lambs with fine or semifine wool (18 to 34) were studied; imitated coypu fur ("Nutriet") is produced of these skins after processing them by tanning, combing, clipping, dyeing and smoothing. 80 lamb skins of the improved sheep breed "Spanka" were studied with a view to improve the quality of the raw material for manufacturing high quality "Nutriet". The lambs are ~~wixtka~~ ~~xz~~ slaughtered 5 1/2 to 6 1/2 months old, when they weigh not less than 26 kg having been fed well above the normal. It is shown that the breeding and selection of sheep should be carried out taking into consideration the following specified mean qualitative indices in order to avoid any losses in the wool production and of meat and milk; wool thickness - 18 to 26, wool density - 4000 to 5000 fiber per sq.cm.; the uniformity and elasticity of wool and skin, as well as the satinity and lustre of wool must be good, wool strength, 9.36 - 0.16 g; elongation - 36.8 - 018%; derma thickness 2.32. mm; living lamb weight - 28.2kg; meat yield - 48%; raw skin weight - 3.9 kg; raw skin area - 70 square inches. Grading of the studied skins of sheep of the improved breed "Spanka" after their processing resulted in 57.5% of I class skins, 37.5% of II class skins, 3.8% of III class skins and 1.2% of scrap.

RUMANIA

SMOLEAREK, Fr. [affiliation not shown], Peoples Republic of Poland

"Pharmacologic Autonomic Block (Ganglioplegia) in Hemorrhage"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 41-45

Abstract: After a successful study on 65 rats of the effect of ganglioplegic treatment (with pendiomid) on hemorrhagic shock, several patients were treated to reduce blood pressure and save blood loss in surgical cases or spontaneous internal bleeding such as may occur in tuberculosis or peptic ulcers; the procedure is considered both safe and effective.

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VERNIC . E.; SMOLEC, I.

Report on the Plenum of the Association of the Societies of
Mathematicians and Physicists, and a short survey of the
proceedings at the Consultations and Seminar for Teachers
and Professors of Bosnia and Hercegovina, October 29-30,
1961. Glas mat fiz Hrv 17 no.1/2:136 '62 [ptbl. '63].

S. M. S.
S. M. S.

Problems of utilization of compressed air in mining the zinc-lead ores.

p. 382 (Przeglad Gornictwa, Vol. 12, no. 10, Oct. 1956. Katowice, Poland)

Monthly Index of East European Acquisitions (EEAI) LC. Vol. 7, no. 2,
February 1958

SMOLEJ, Eduard, ing.

Testing of fans in thermoelectric power stations during their delivery.
Energija Hrv 10 no. 5/6:197-199 '61.

SICLJ. S.

Izvenjci in Jezenice; a short historical outline. p. 145. (NOVA FRIZIJA/CIA, Vol. 5, no. 3/4, Sept. 1954, Ljubljana, Yugoslavia)

SC: Monthly List of East European Acquisitions, (ZAVO), EC, Vol. 1, No. 1, April 1951, Incl.

SMOLEK, Alois, promovany ekonom

How to improve the working methods of economic administrators in the institutes of national health. On the problem of the position and working methods of economic and administrative directors in the institutes of national health. Cesk. zdrav. 10 no.7/8:361-370 '62.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.
(PUBLIC HEALTH)

SMOLEK,A., prom. ekonom

Centralize laundries and simplify handling of linens? Cesk.
zdrav. 12 no.3:140-142 Mr'64

1. Vyzkumny ustav organizace zdravotnictvi v Praze.

*

SMOLEK, A., prom. ekonom

Apropos of rationalization of administrative control and management in different sections of the health service. Cesk. zdrav. 12 no.6:307-316 Je'64

1. Vyzkumny ustav organizace zdravotnictvi v Praze.

SMOLEK, A., prom. ekonom.

Qualifications of administrative workers - one of the pre-requisites for improving the standards of economic and administrative sections in public health institutions. Cesk. zdrav. 11 no.7/8:352-366 '63.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.
(PUBLIC HEALTH ADMINISTRATION)

KUTTA, R., první právník ; ČMOM V., V., prom. ekonom.

Advantages of an organized delivery service in hospitals.
Cesk. zdrav. 17 nr. 128592-608 8 1 64

1. Vyzkumný ustav organizace zdravotníctví - základna Kromeriz
a Vyzkumný ustav organizace zdravotníctví v Brně.

SMOLEK, A.

parameters in science and technology and the tendency of the personnel development of public health. Česk. zdrav. 13 no.6:284-293 Je'65.

1. Vyzkumný ústav organizace zdravotnictví v Praze.

CHUD. M., A., promovany ekonom

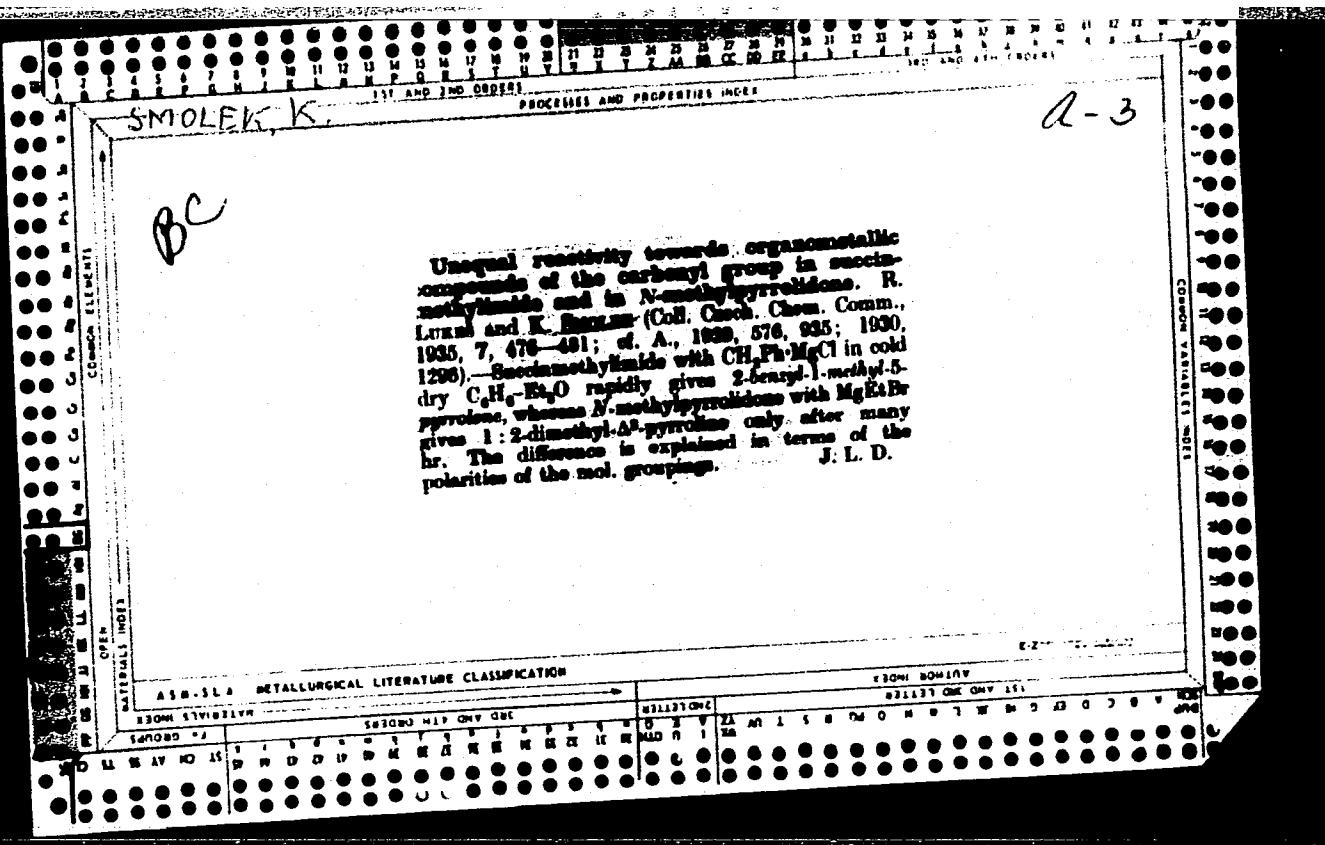
Forms of postgraduate and further education for administrative workers
in National Health Institutions. Cesk. zdrav. 13 no.2:60-68 F'65

1. Vyzkumny ustav organizace zdravotnictvi v Praze.

SMOLEK, A., prom. ekonom

Relations between expenditure on health services and economic development. Cesk. zdrav. 13 no.11:542-545 N '65.

1. Vyzkumny ustav organizace zdravotnictvi v Praze.



SMOLEK, K.

C/K

Action of Grignard reagent on the amine group. XII.
Action of organomagnesium compounds on 1-methyl-2-oxazacycloheptane. R. Lukeš and K. Smolek. Collection Czech Chem. Commun. 11, 595-10 (1939); cf. C. A. 31, 2089. 2-Oxazacycloheptane was obtained by treating cyclohexanone oxime with 87% H₂SO₄ and neutralizing with Na₂CO₃. Cryst. NaSO₄ from the mother liquor, adding BaCl₂, and filtering, evapd. to dryness and extg. with abs. alc. yielded crystals of 2-aminoacrylic acid-HCl. The free acid was obtained by treating the alc. soln. with

CuO. 1-Methyl-2-oxo-1-azacycloheptane (I) was obtained by Ruzicka's method (C. A. 15, 3540). I (10 g.) was refluxed for 10 hrs. with 100 g. 10% H₂SO₄, Ba(OH)₂ added, the soln. filtered and evapd. to syrup. Crystals of 2-methylaminoacrylic acid, m. 66°, were obtained. MeMgI was added to an ether soln. of I, the mixt. was heated on a water bath, cooled with ice, made alk. with Ba(OH)₂ and steam distd. The distillate was neutralized with HCl, evapd. in vacuo to a small vol. and titld. with Na peroxide. Distill. of the peroxide gave 1,2,2-trimethyl-1-azacycloheptane (II), b. 171°, d₄ 0.8504, n_D 1.45663, 1.45024, 1.45534, 1.47059 for C, D, E, G'. By refluxing II with MeI in MeOH for several hrs. the methiodide was obtained as white crystals, m. 211°. EtMgBr gave with I 1-methyl-2,2-diethyl-1-azacycloheptane, b.p. 95.5°, d₄ 0.8785, n_D 1.47052, 1.47300, 1.47927, 1.48458 for C, D, E, G'. Prolonged refluxing with MeI gave the methiodide, m. 131°. PhMgBr gave with I a substance contg. Br, m. 123°, the analysis of which corresponds to 1-methyl-2-phenyl-2-hydroxy-1-azacycloheptane or 1-methylamino-6-phenylhexanone. NaClO, titld., the perchlorate, m. 131°. Distill. of the perchlorate at 132.5° gave methylphenylazacycloheptane. Prolonged heating of I with α -naphthylmagnesium bromide, cooling, extg. with ether, acidifying with HCl, sepg. the acid layer and evapd. to dryness gave 1-methyl-2- α -naphthylazacycloheptane, b.p. 248°. By the action of benzylmagnesium chloride on I, crystals of methylbenzylazacycloheptane-HCl were obtained, m. 223°. H. B. van Valkenburgh

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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Praha, Czechoslovakia

Vol. 12, no. 2/3, June 1959

Monthly list of East European Accessions (EEAI) LC. VOL. 9, no. 1 January 1960

Uncl.

SOURCE, Given Names

Country: Czechoslovakia

Academic Degrees: C. Sc. /Candidate of Sciences/

Affiliation: Laboratory of Meteorology and climatology, SAV/Slovak Academy of Sciences; Slovenska akademia ved/ (Laboratorium meteorologie a klimatologie SAV), Bratislava

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GPO 981643

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"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

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APPROVED FOR RELEASE: 08/31/2001

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Significance of accessory stimulation in the pathogenesis of sepsis; experimental data. Biul. eksp. biol. i med. 37 no.5: 35-39 My '54.
(MLRA 7:7)

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(INFECTION, experimental,
*eff. of accessory irritation by inject. of sterile emulsion of cerebral tissue into sciatic nerve)

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(MIRA 16:12)

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"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

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Visiting innovators of the Ural Machinery Factory. Nauka i zhizn'
23 no.8:31-34 Ag '56. (MIRA 9:9)
(Sverdlovsk--Machine tool industry)

APPROVED FOR RELEASE: 08/31/2001

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Recordability of exchange reflected waves in areas characterized
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(PERITONEUM, innerv.
terminal nerve structures)

Poland/Microbiology. Microbes Pathogenic for Man and F
Animals

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57683

Author : Kantoch M., Smolenska W

Inst : Not given

Title : Vidal's Reaction in Typhoid Fever Patients

Orig Pub : Arch. immunol. i terap. doswiadcze., 1956,
(1957) 4, 179-187

Abstract : Typhoid fever patients (112 persons) were ad-
ministered chloromycetin (1) in doses of 0.5
grams 8 times a day beginning with the 8th to
the 12th day (and later) of the disease until
2 to 3 days after the temperature dropped and
then in doses of 0.5 g for another 1 to 2 days
six times a day. In 17 of the patients the Wi-
dal reaction was negative; in 65 of the patients

Card 1/2

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immun. ter. dosw. 8 no.1:141-147 1960.

l. Miejski Szpital Chorob Zakaznych, Oddzial II we Wrocławiu,
Ordynator: Dr. L. Bandler; III. Klinika Chorob Wewnętrznych
Akademii Medycznej w Gdańsku, Kierownik: Prof. dr M. Gąsaki.
(ALLERGY diag.)
(LEUKOCYTES)

KANIAK, Jozef; CYWICKI, Jan; SMOLENSKA, Wieslawa

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1. Z Kliniki Neurochirurgicznej A.M. w Krakowie. Kierownik: prof.
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Esterification of acetic acid and its homologues by butanol.
Trudy Inst.khim.UFAN SSSR no.6:47-53 '61. (MIRA 16:2)
(Acetic acid) (Esterification) (Butanol)

SMOLENSKAYA, B.L.

STUDY OF POLAR ICE

100

1. MIRONOV, A. I.; VENAKHO, L. I.: SMOLENSKAYA, B. L.

2. USSR (USSR)

"The Isotopic Composition of Arctic Waters and Ices," Zhar. Fiz. Khim. 13, No. 10, 1939. Chelyabinsk, Institute of Physical Chemistry, Academy of Sciences. Ukrainian Acad. Sci. J. V. Pisarenko, Department of the Chemistry of Isotopes. Received 11 June 1952.

3. Report 7-113, 3 Mar 1952.

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(1) The dissociation of the magnesium and calcium salts of phosphoric esters. F. I. Trakhtenberg and B. L. Smolenskaya (State Med. Inst., Dnepropetrovsk). *Zhur. 20*, 243-8 (1954).—Dissoc. consts. were detd. for the Mg and Ca salts of the phosphoric acid esters, ethyl phosphate and glycerophosphate. $MgEtPO_4$, $CaEtPO_4$, and $Ca(C_2H_5OH)_2PO_4$ are not completely dissociated in H_2O . The Mg salt dissociates less than the Ca salt owing to its smaller radius. J. Rovtar Leach

(1)

✓
JRW

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Kinetics of the reaction between platinumes and amines. Zhur. neorg. khim. 6 no.1:95-102 '61.

(MINA 14:2)

(Amines) (Potassium bromoplatinate)

(Potassium chloroplatinate)

GAINBERG, A.A.; SNOLENSKAYA, D.B.

Kinetics of the interaction of amines with Co₃ type salts. Zhar.
neorg. Khim. 6 no.1:103-110 '61. (MTA 14:2)
(Amines) (Platinum compounds)

SMOLENSKAYA, D. B.

Dissertation defended for the degree of Candidate of Chemical Sciences
at the Institute of General and Inorganic Chemistry imeni
N. S. Kurnakov in 1962:

"Kinetics of the Reaction of Bivalent Platinum Complexes with
Ammonium and Amines."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

L 23110-66

ACC NR: AP6009488

of chlorine ions by ammonia molecules leads to a decrease in the polymerization rate. The catalytic activity of bromine derivatives also decreases with an increasing accumulation of ammonia molecules in the inner sphere of the complex. Comparison of the catalytic effect of the halides of rhodium shows that the chlorides and the bromides of rhodium have almost identical catalytic ability and stereospecificity. The iodide is inactive at 50°, while in its presence at 70° there takes place a polymerization process of the free radical type. With the presence of three ammonia molecules in the inner sphere of the iodide the polymerization proceeds by a coordination-ionic mechanism. Results also show that the stereospecific polymerization of butadiene in the presence of the Rh³⁺ complexes studied leads to the formation of trans-1,4-polybutadiene, regardless of the number and nature of the bonds. Orig. art. has: 1 figure and 1 table.

SUB CODE: 07/ SUBM DATE: 12Jul65/ ORIG REF: 003/ OTH REF: 005

Card

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1273, 12411, 1164

85200

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E073/E535

AUTHORS: Smolenskaya, G. N., Engineer, Kudryavtsev, N. T., Doctor
of Chemical Sciences Professor and Karatayev, V. M.
Engineer

TITLE: Electroplating of TitaniumPERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
1960, No.11, pp.42-43

TEXT: In check tests in which the surface preparation and the plating conditions recommended by H. Richmond (Electroplating and Metal Finish, No.10, 1956) were applied, it was found that the plating peeled off easily when scratched with a knife, filed at an angle of 45° and on heating to 150-250°C. Therefore, the authors selected different plating conditions. The titanium was first degreased and etched in a mixture of 185 ml/l of 48% HF and 8.6 ml/l of 70% HNO₃ for several minutes. Following that, anodic treatment was applied for a few seconds with an anode current density of 0.1-10 A/dm² and more in solutions of various compositions and concentrations. Then, plating with nickel, copper, zinc and other metals was applied. In testing the bond strength (filing at an angle of 45°) satisfactory results were obtained only on powdered Ti.

Card 1/3

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E073/E535

Electroplating of Titanium

at 250-300°C for 40 to 60 min in a furnace or in a drying chamber. This is followed by pickling in concentrated hydrochloric acid, plating with copper or other metals and polishing. After such treatment the components can be plated with other metals, e.g. chromium, rhodium, gold, silver etc.

X

Card 3/3

SMOLENSKAYA, I. N.

USSR/General Problems of Pathology - Tumors. Immunity.

U.

Mag Jour : Ref Zhur - Biol., No 21, 1953, 98193

Author : Yefifanova, O.I., Smolenskaya, I.N.

Inst :

Title : Growth of Ehrlich's Adenocarcinoma by Simultaneous and Diverse Inoculation of 2 Tumors into Different Parts of the Body.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 43, No 4, 90-93

Abstract : 0.2 ml of ascitic fluid of Ehrlich's carcinoma was introduced subcutaneously into mice, simultaneously into the fore and hind legs of one side or into the fore and hind legs of opposite sides. A faster growth of the tumor of the foreleg was noted. In the case of analogous inoculation with an interval of 10-15 days, a difference in growth of the tumor, depending on the place of inoculation, was not noted. -- K.P. Marhuze

Card 1/1

YEPIFANOVA, O.I.; ZOSIMOVSKAYA, A.I.; LOMAKINA, L. Ya; GRUSHINA, N.V.;
SMOLENSKAYA, I.N.

Comparative study of the duration of mitosis and interkinesis
in tissues of mice with the aid of colchicine and irradiation.
Biul.eksp.biol. i med. 55 no.1:96-100 Ja'63. (MIRA 16:7)

1. Iz laboratorii eksperimental'noy tsitologii i tsitokhimii
Instituta radiatsionnoy i fiziko-khimicheskoy biologii (dir.
akademik V.A.Engel'gardt) AN SSSR Moskva. Predstavlena dey-
stvitel'nym chlenom AMN SSSR V.A.Engel'gartom.
(KARYOKINESIS) (COLCHICINE-PHYSIOLOGICAL EFFECT)
(RADIATION-PHYSIOLOGICAL EFFECT)

KOLCHINA, G.V., kand. med. nauk; SMOLENSKAYA, I.Ya., assistent;
UMANSKIY, V.Ya., assistent

Evaluation of fatigue in school children following their
lessons conducted by the Lipetskii method. Gig. i san. 28
no.7:32-37 Jl '63. (MIRA 17:1)

1. Iz kafedry obshchey gigiyeny i kafedry gigiyeny detey i
podrostkov Donetskogo meditsinskogo instituta imeni A.M.
Gor'kogo.

KONOVAL'CHIKOV, G.D.; SMOLENSKAYA, K.S.

Complicated retrobulbar neuritis. Zdrav. Belor. 6 no. 10:62 o '60.
(MIRA 13:10)

1. Iz otolaringologicheskogo i glaznogo otdeleniy oblastnoy bol'nitsy,
g. Vileyka.
(OPTIC NERVE--DISEASES)

KHAYMOVSKIY, D.I., starshiy nauchnyy sotrudnik; SAIPOV, S.L.; SMOLENSKAYA,
L.K., vrach; RABINOVICH, Ye.A., vrach

Ecomonovocillin for treating syphilis in outpatients. Vest.ven. i
derm. 30 no.4:59 Jl-Ag '56. (MLRA 9:10)

1. Iz Uzbekistanskogo nauchno-issledovatel'skogo kozhno-venerologi-
cheskogo instituta.
(SYPHILIS) (ANTIBIOTICS) (NOVOCAINE)

GLEZER, V.D.; ZYAZINA, Z.N.; SMOLENSKAYA, L.N.

Changes in the foveal receptor fields in man. Biofizika 7
no.4:486-488 '62. (MIRA 15:11)

1. Institut fiziologii imeni I.P.Pavlova AN SSSR, Leningrad.
(VISION RESEARCH)

SMOLENSKAYA, N. G., Candidate Tech Sci (diss) -- "Investigation of damage to buildings, and the possibility of using ultrasound for determining the state of bearing structures". Moscow, 1959. 13 pp (Acad Communal Economy im K. D. Pamfilov), 150 copies (KL, No 25, 1959, 136)

S/275/63/000/002/023/032
D405/D301

AUTHOR: Smolenskaya, N.G.

TITLE: Study of possible use of ultrasonics for the determination of carrying capacity of ferro-concrete elements under bending

PERIODICAL: Referativnyy zhurnal, Elektronika i eye primeneniye, no. 2, 1963, 22, abstract 2V137 (Ul'trazvuk v stroit. tekhn., M., Gostroyizdat, 1962, 147-153 (Collection))

TEXT: A relationship is established between the rate of ultrasonic propagation in concrete and compressive and expanding stresses. On the basis of this relationship the height of the compressed zone in specimens is determined and the results are compared with actual ultimate loads. Test beams were used for comparing the profiles constructed by means of strain gages and of the ultrasonic method. Promising results were obtained which are in need of statistical verification. 3 figures.
[Abstracter's note: Complete translation]

Card 1/1

SMOLENSKAYA, N.G.

Using ultrasonic for testing structural elements. Sbor. nauch.
rab. AKKH no.16:79-83 '62. (MIRA 17:8)

SAMOKHVALOV, I.A., CHIKHOVA, L.V., SHCHUKINA, N.N.

Polarographic determination of dissolved oxygen and the intensity
of respiration in micro-organisms by means of a rotating platinum
electrode. Lab. delo no. 8:494-496 '64. (MIRA 17:12)

I. Institut epidemiologii i mikrobiologii im. N.F.Gamalei AMN
SSSR, Moskovskiy zavod meditsinskikh preparatov No. 2 i Moskovskiy
khimiko-farmatsevticheskiy zavod im. Karpova.

ORLOV, N.N.; VAGNENKOVA, N.M.; SAYKINA, I.M.

Distribution of substances, stimulating the production of oxytetracycline by the *Act. rimosus* T-572 mutant, among actinomycetes, fungi and bacteria. Mikrobiologiya 33 no.6.1032-1041 N-D '64.
(MIRA 18:4)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

OBNOVA, N.Y.; SMOLENSKAYA, N.Y.

Studies on the effect of the conditions of cultivation on the production of oxytetracycline derivatives by *Micrococcus rimosus* cultures. Antibiotiki 10 no.3 21(=17) No. 165 (VISA 18-10)

L. Vsevolozhsky nauchnoissledovatel'skiy institut antibiotika Kirov, Mozhva.

SMOLENSKAYA, R. M.

Obshchestvennyye i obsluzhivayushchiye uchrezhdeniya v mnogoetazhnykh zhilykh domakh (Common and service facilities in many storied dwellings, by) D. B. Khazanov, R. M. Smolenskaya, Yu. S. Fel'zer (i dr.) Moskva, Gos. Izd-vo Literatury po Stroitel'stvu i Arkhitekture, 1953-
v. (v.-p.) illus., diagrs., tables.
At head of title: Akademiya Arkhitektury SSSR, Moscow.
Lib. has: v. 1.

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SKOLENSKAYA, R. N.

BAVAROV, V. N. Arkh. i DOMROVSKIY, A. A. Nauk. Ekonom. Nauk., SKOLENSKAYA, R. N. Arkh.,
PILZER, YU. S. Inzh.

Nauchno-issledovatel'skiy institut arkhitektury i promyshlennyykh sooruzheniy
akademii arkhitektury SSSR

Razmeshcheniye v mnogoetazhnykh zhilykh domakh moskvy obshchestvennykh uchrezhdeniy i
obsluzhivayushchikh pomeshcheniy

Page 74

SO: Collections of Annotations of Scientific Research Work on Construction, completed
in 1950.
Moscow, 1951

SNOLINSKAYA, N. N.

SNOLINSKAYA, N. N., Arkh. i KHAZANOV, D. S. Kand. Arkh.

Nauchno-issledo atel'skiy institut arkhitektury i promyshlennyykh sooruzheniy
akademii arkhitektury SSSR

Osnovnyye Polozheniya po razmeshcheniyu detskikh uchrezhdeniy v mnogoetazhnykh
Zhilykh Domakh Moskvy

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SO: Collections of Annotations of Scientific Research Work on Construction, completed
in 1950.
Moscow, 1951

SMOLENSKAYA, T.M.; PLUZHNIK, I.N.

Abcess of the brain following tonsilectomy. Zhur. ush., nos. 1
gorl. bol. 23 no. 3:86-87 My-Je'63. (MIRA 16:7)

1. Iz 1-y Sevastopol'skoy gorodskoy bol'ničey (glavnnyy vrach-
zasluzhennyj vrach UkrSSR A.V.Denepova).
(BRAIN—ABCESS) (TONSILS—SURGERY)

SMOLENSKAYA, V.P.

Indexes of physical development of children in kindergartens in Tomsk.
Vop. okh. mat. i det. 6 no.7:88-90 Jl '60. (MIRA 14:8)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - prof. A.F.Smyshlyayeva)
Tomskogo meditsinskogo instituta (dir. - prof. I.V.Toroptsev).
(TOMSK--CHILDREN--GROWTH)

NAGORNOVA, Ye.P., assistant; SMOLENSKAYA, V.V., assistant; FROLOVA, N.A.,
dotsent

Physical development of the schoolchildren of Kalinin. Trudy
KGMI no.10:12-15 '63. (MIRA 18:1)

1. Iz kafedry obshchey gigiyeny (zav. kafedroy dotsent K.A.
Ivanov) i kafedry organizatsii zdravookhraneniya (zav. kafedroy -
dotsent N.A.Frolova) Kalininskogo gosudarstvennogo meditsinskogo
instituta.

SMOLENSKAYA, ZH. M.

Smolenskaya, Zh. "On places of tropical malaria spread on human organisms,"
Med. parazitologiya i parazitar. oolezni, 1946, No. 6, p. 530-35

SG: U-2888, Letopis Zhurnal'nykh Statey, N_o. 1, 1949

SMOLENSKAYA, Zh.M.

Characteristics of blood parasites in malarial coma. Med. paraz. i
paraz. bol. no.4:348-350 O-D '54. (MLRA 8:2)

1. Iz kafedry infektsionnykh bolezney (zav. doktor meditsinskikh nauk
I.K.Musabayev) Samarkandskogo meditsinskogo instituta.

(COMA,
malarial, blood parasites in)

(MALARIA,
coma, blood parasites in)

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CIA-RDP86-00513R001651710015-4

SHOLENSKIY, Boris Lipovich; NUKHLEBKO, Mikhail Abramovich;
REYZINA, Gita Lipovna; VYSHEKIND, L.Ya., red.

[Devices for measuring the diameters of annular grooves in
holes] Pribory dlia izmereniiia diametrov kol'tsevykh kanal-
yek v otverstiiakh. Leningrad, 1965. 21 p.
(MIRA 18.5)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Devices for measuring the diameters of annular grooves in
holes. Izm. tekhn. no.5:57-58 My '65. (MIPA 18:8)

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CIA-RDP86-00513R001651710015-4"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4

ROKHLENKO, N.A.; SHOLENSKIY, D.L.

Suction pump for chips. 'Mashinostroitel' no.12:40 D '65.
(Est 18:12)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001651710015-4"

ADYLOV, A.K., dotsent; SMOLENSKAYA, Zh.M., assistent

Bone marrow hemopoiesis in Trichodesma toxicosis. Med.zhur.
Uzb. no.5:32-34 My '58. (MIRA 13:6)

1. Iz kafedry fakul'tetskoy terapii Samarkandskogo gosudarstvennogo meditsinskogo instituta imeni I.P. Pavlova.
(TRICHODESMA--TOXICOLOGY) (HEMOPOIETIC SYSTEM)